



Electronic Monitoring (EM) Vessel Assessment

Vessel Name:

Skipper Name:

Prior to installation, a site assessment will be done with the vessel skipper to determine power supply, vessel configuration, and other considerations as they relate to EM systems. The purpose of the assessment is to streamline the efficiency of installation by identifying and preparing the system in advance to ensure compatibility with the vessel. Assessment will be conducted either in person or by phone. The following questions will be asked of the vessel owner/captain.

Fishing effort

- Approximately how many trips will you make between now and end of season?
- How often do you return to port?
- What ports are used for offloading?
- How many hours a day does the vessel undergo fishing operations?
- How many hauls performed each day?
- Roughly how long does it take you to process all catch from each haul?
- What is your gear configuration (e.g. # lengths of nets, # of buoys)?
- What species are retained and discarded on most trips?

Deck Assessment

- Where does the catch come aboard?
- Where is the catch sorted?
- Are you using snap gear?
- What is the capacity of your hold (in lbs)?
- What mounts are available to show fish at the waterline?
- What mounts are available to show the catch processing area?
- How do you handle/sort any non-target fish that are caught? Are they kept or discarded?
- From what points is the catch discarded?
- Checker measurements or sorting table measurements (if applicable)
- Photos of potential sensor location and camera mounting locations
- Where would a 1/4" NPT tee fitting be installed in your hydraulic line to ensure increased pressure during haul back. What size diameter are the hydraulic lines at this location? What type of compression fitting would the tee fitting connect too (JIC or standard)

Wheelhouse Assessment

- Where is there a clean dry well-ventilated area in the wheelhouse for a control unit (approximate dimensions: 10 x 10 inches)?
- Where would the monitor be best located for system status review (approximate dimensions: 16 inches)?
- Where is the closest power point to the monitor? Is it AC or DC? If DC what is voltage?
- If AC, do you have an available outlet on a UPS near the power point?
- Is AC supplied through a generator or inverter?
- What size is the inverter or generator?
- Where is the best location for wires from the deck sensors and cameras to enter the wheel house?
- What are the distances from the proposed locations to wheelhouse unit:
 Line drum to control box unit _____feet
 Hydraulic sensor to control box unit _____feet
 Camera 1 to unit _____feet
 Camera 2 to unit _____feet
- Wheelhouse photos
- Power point photo
- Photo of wheelhouse entry point for wires
- Photo of space for control box

General

- Does the Skipper have any concerns about having an EM system aboard?
- Who currently supplies dockside support for your marine electronics?
- Who would be responsible for system operation?
- Are they comfortable with computers?
- What is the best way to contact the vessel while at-sea? Cell phone? Sat. Phone? E-mail?